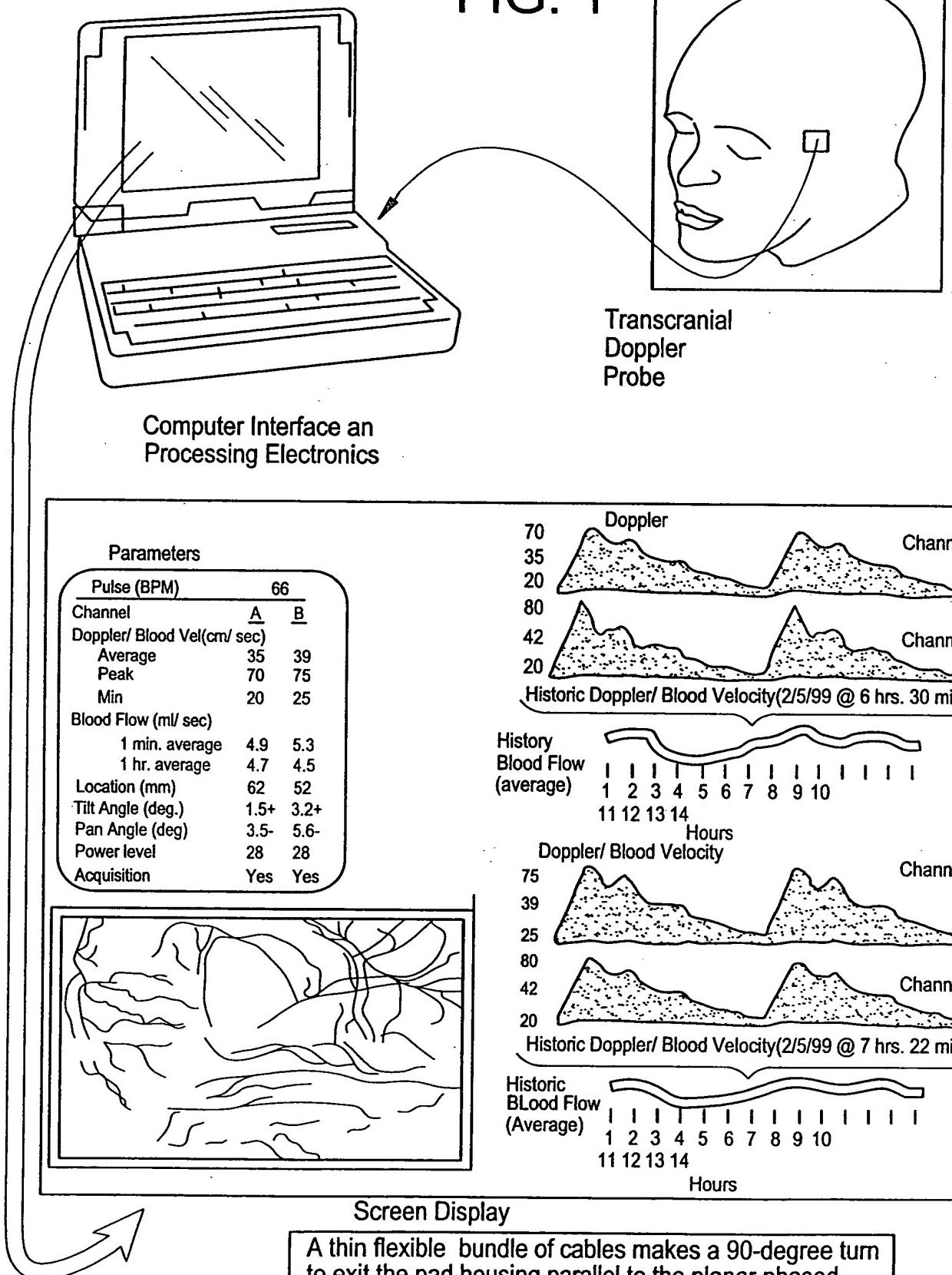


FIG. 1



A thin flexible bundle of cables makes a 90-degree turn to exit the pad housing parallel to the planar phased array transducer so that the pad can be easily attached to the head of a trauma victim or surgical patient.

FIG. 2A

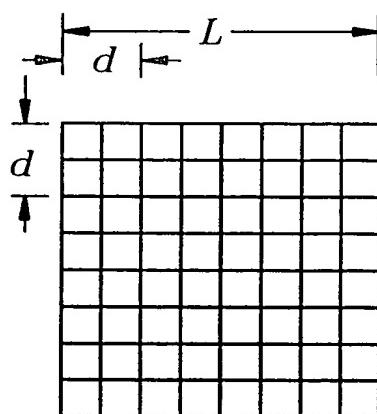


FIG. 2B

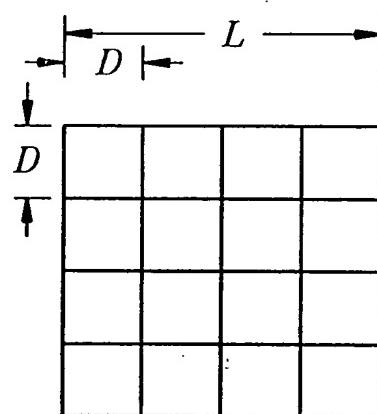
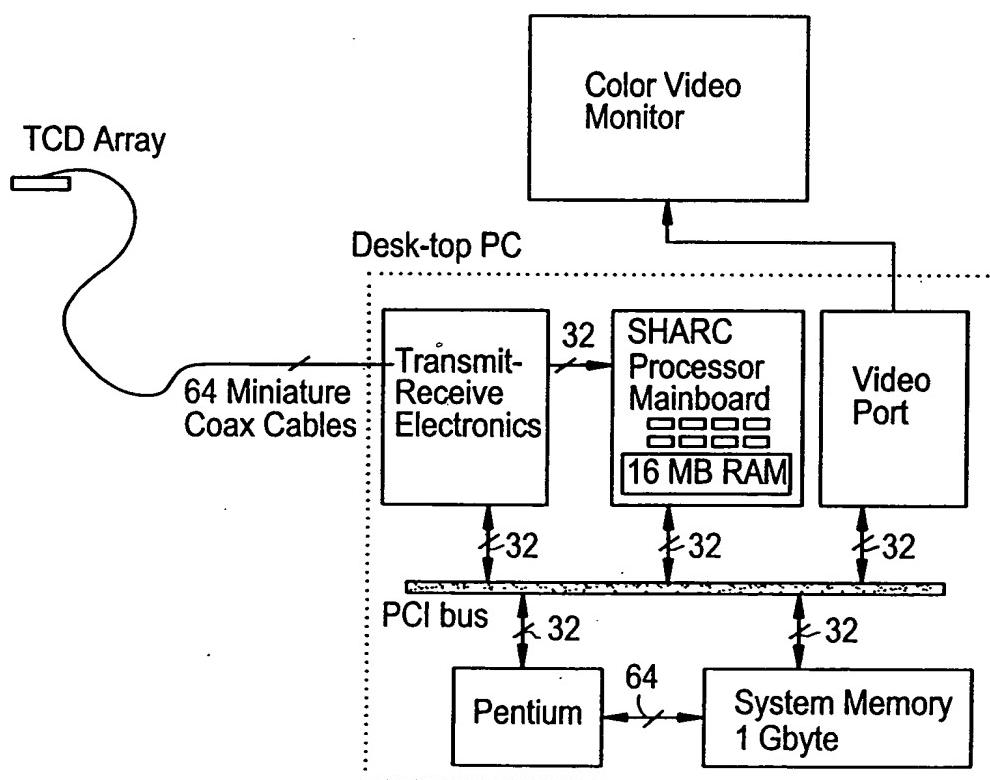
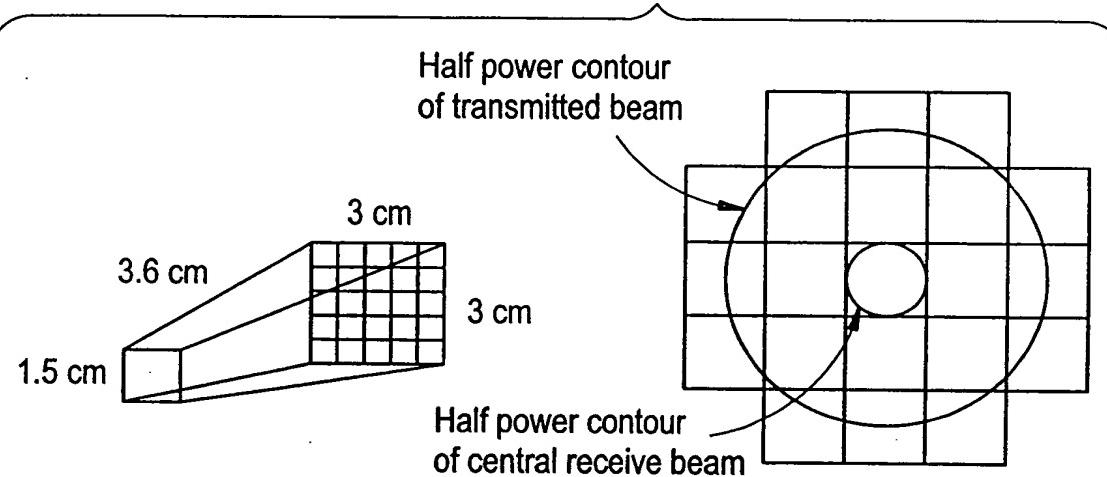


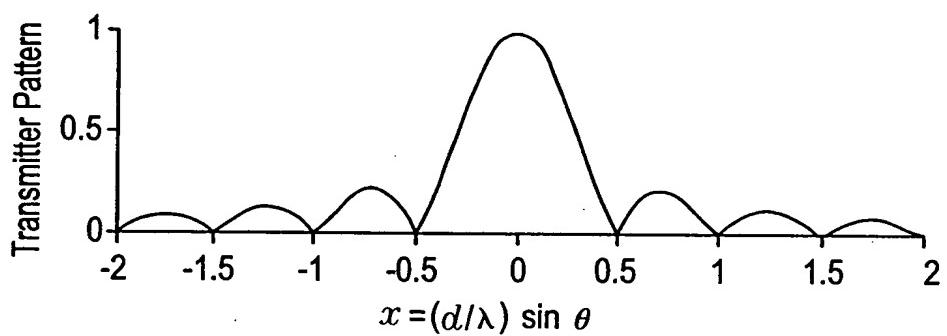
FIG. 3



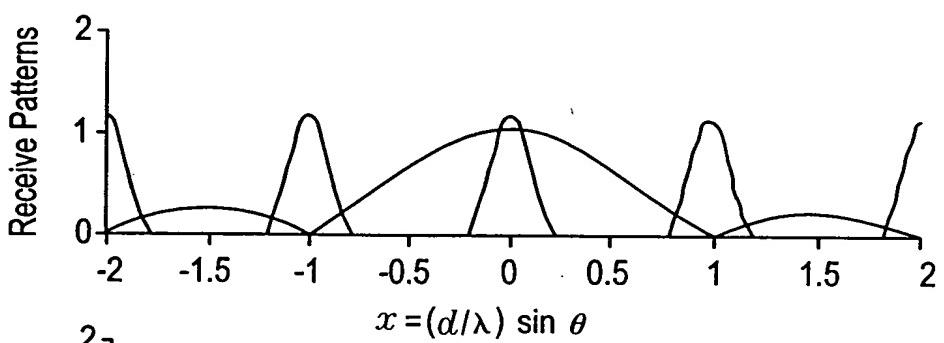
**FIG. 4**



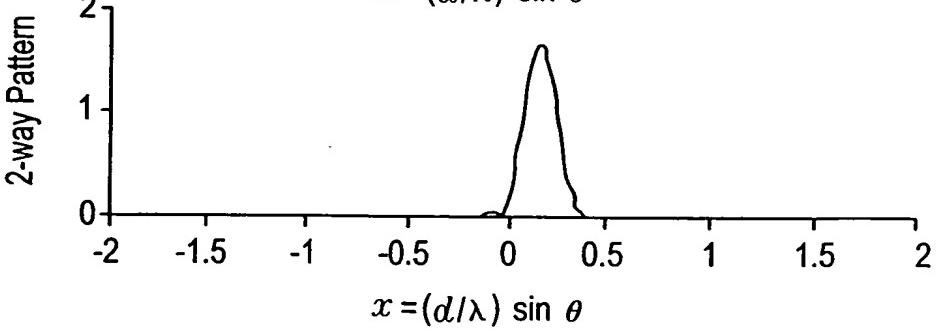
**FIG. 5A**



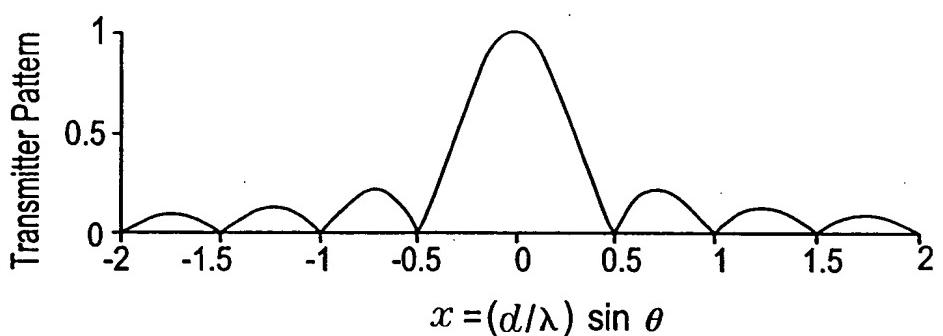
**FIG. 5B**



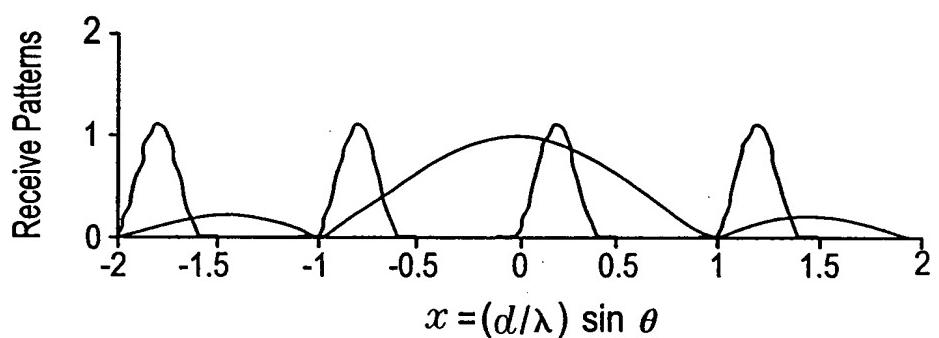
**FIG. 5C**



**FIG. 6A**



**FIG. 6B**



**FIG. 6C**

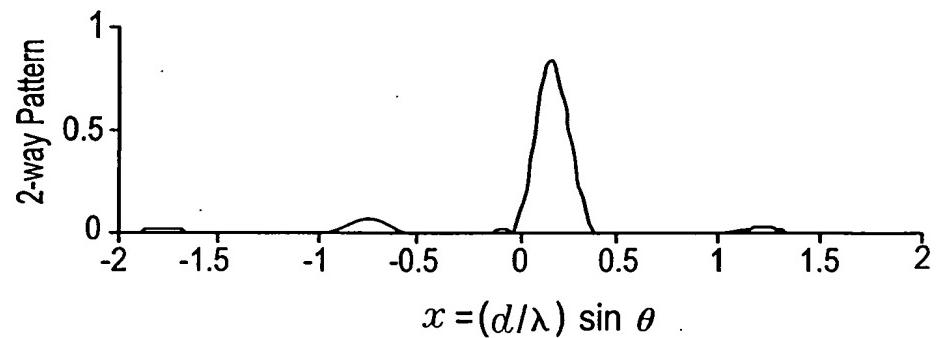


FIG. 7

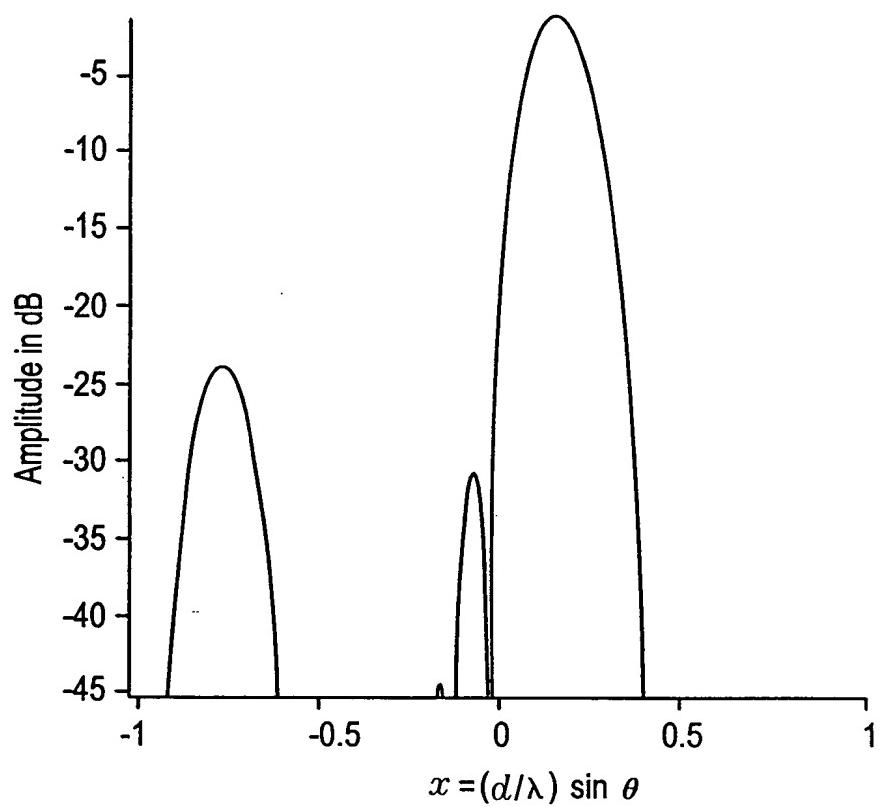


FIG. 8

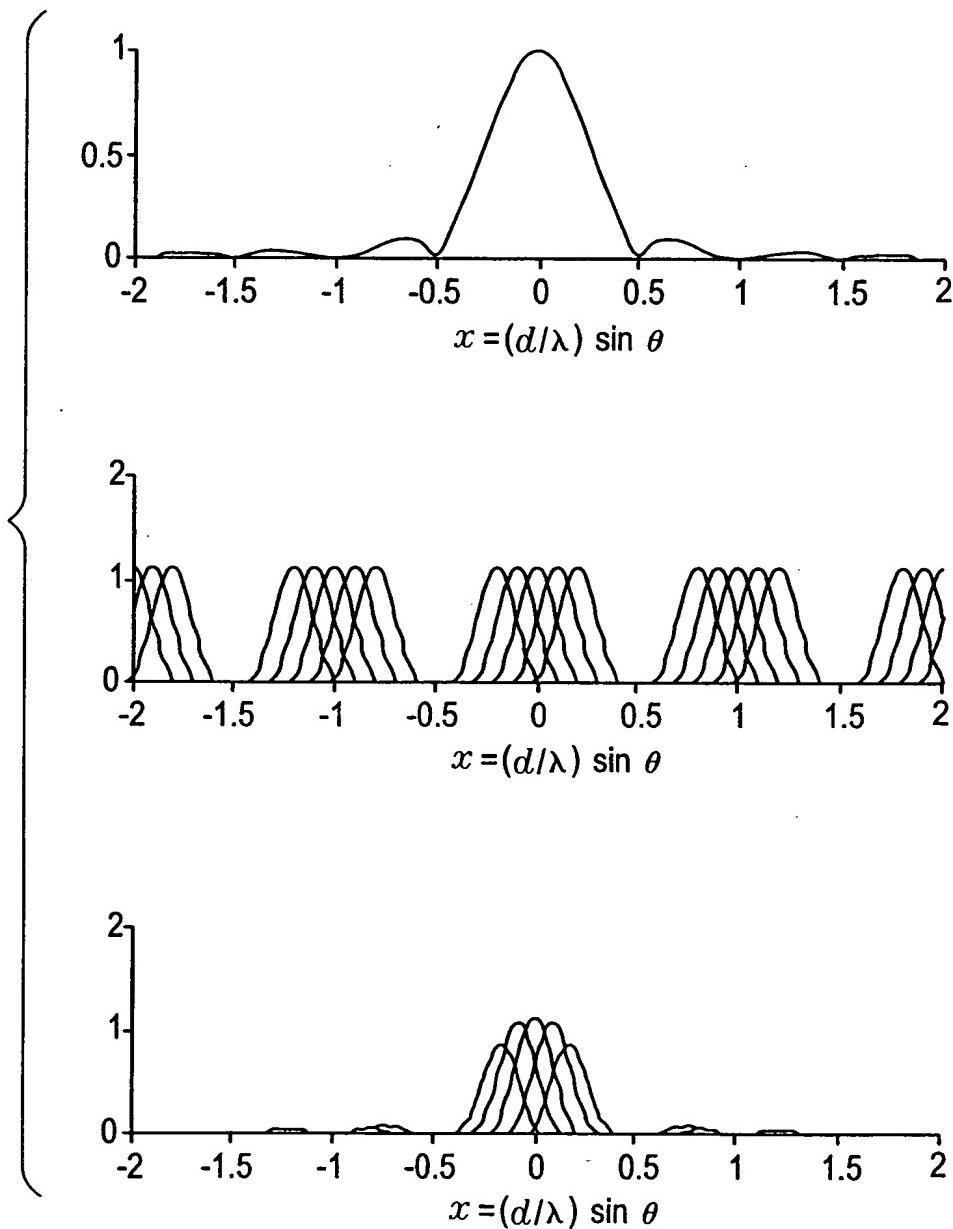


FIG. 9

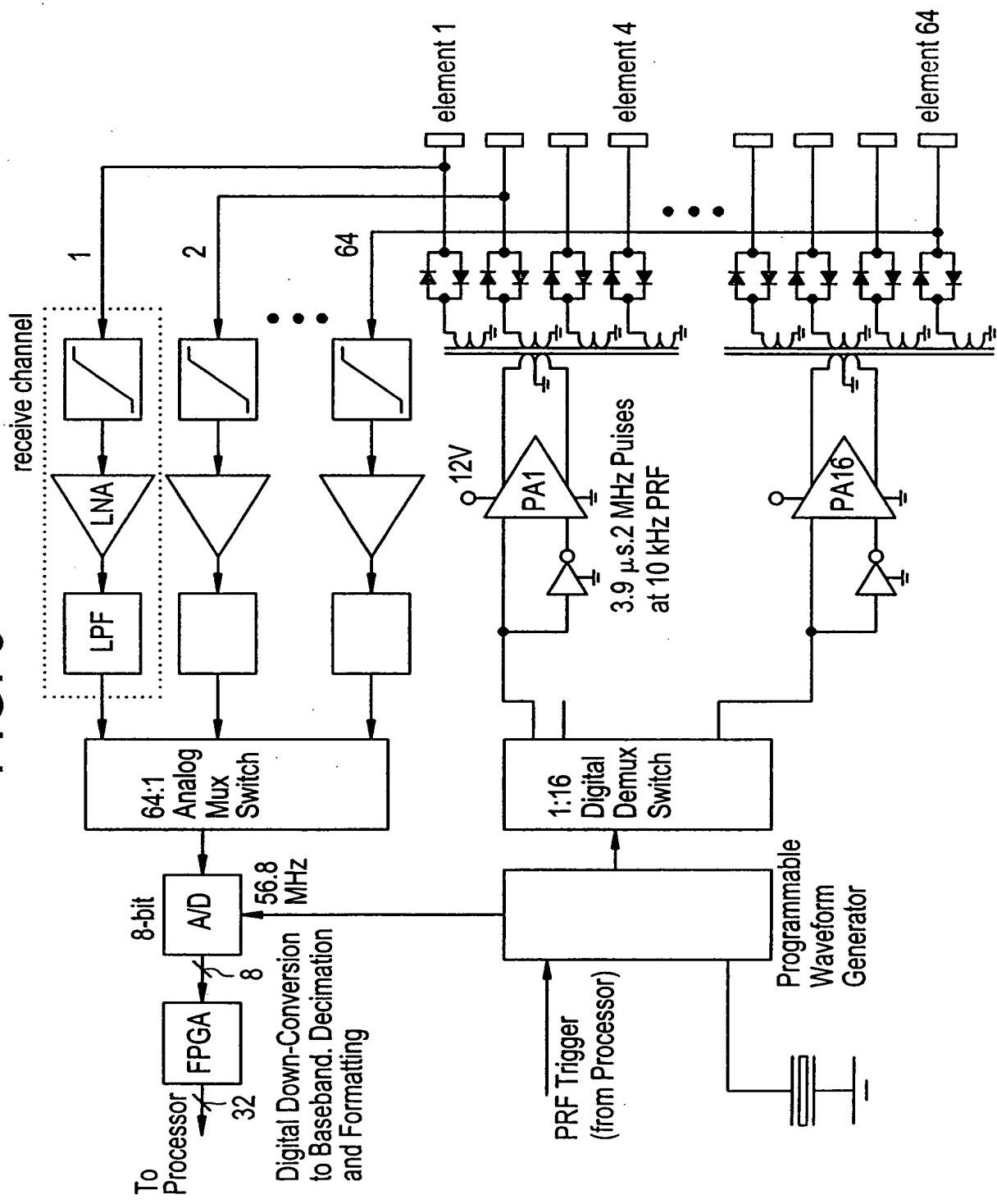


FIG. 10

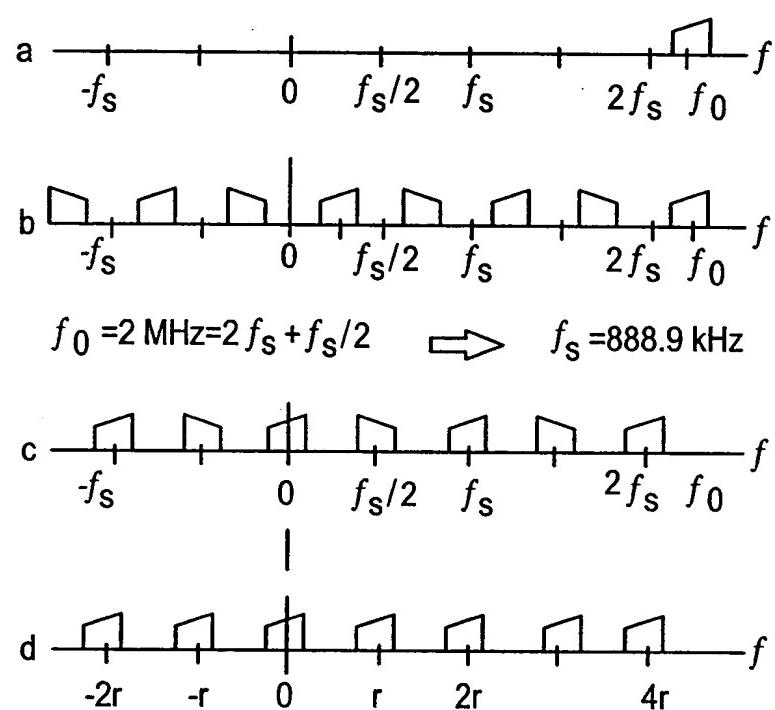


FIG. 11

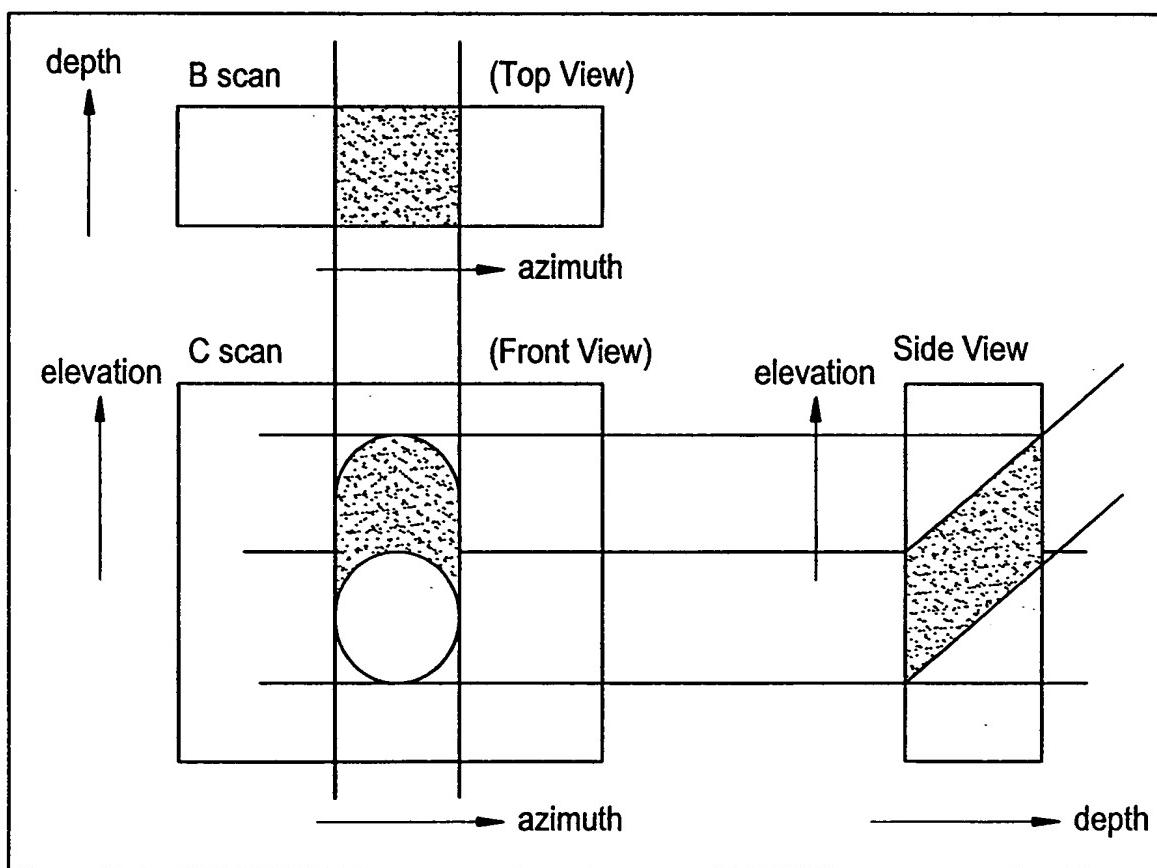


FIG. 12

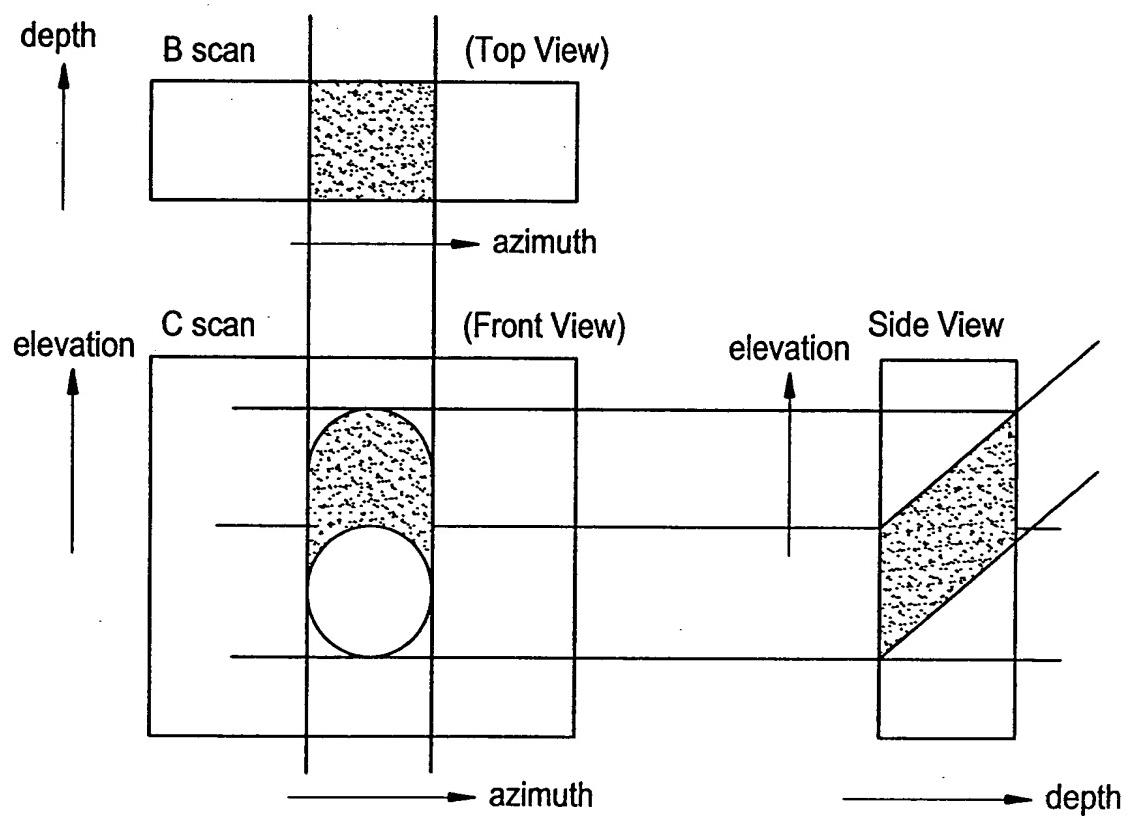


FIG. 13

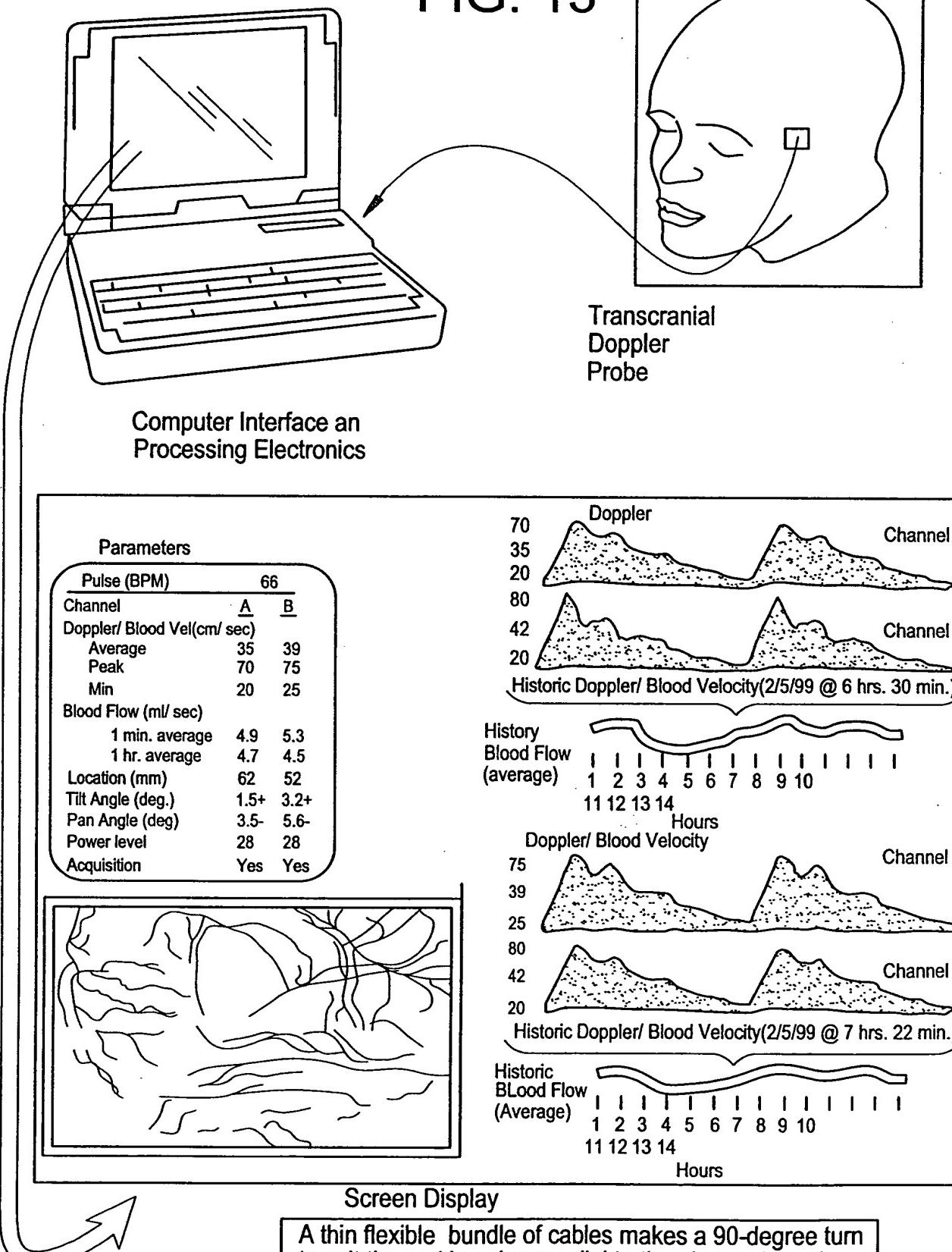


FIG. 14

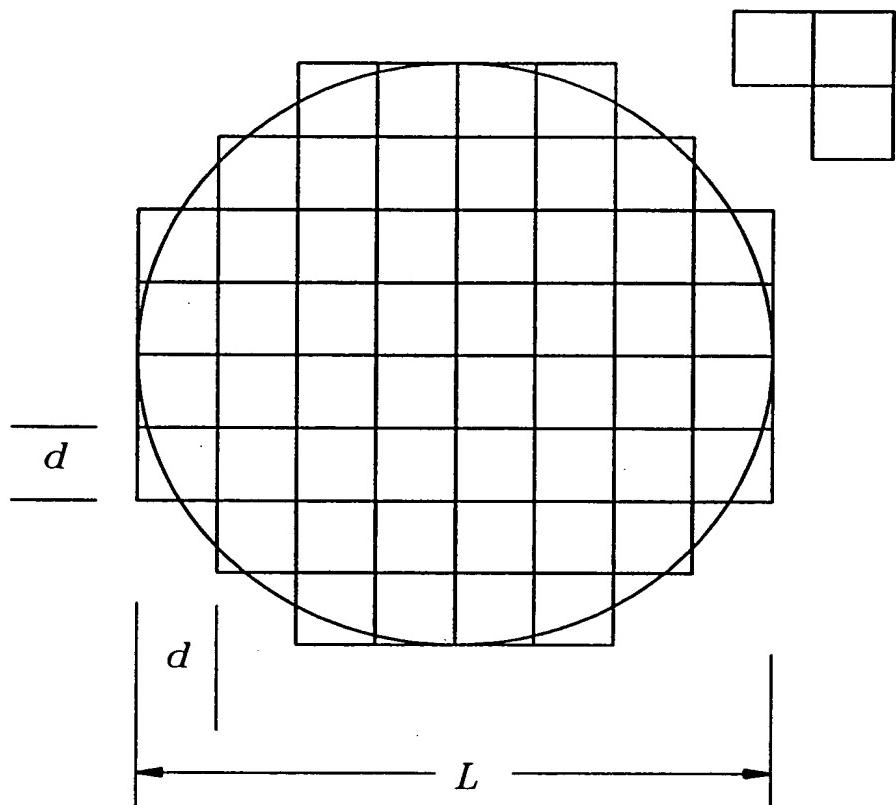


FIG. 15

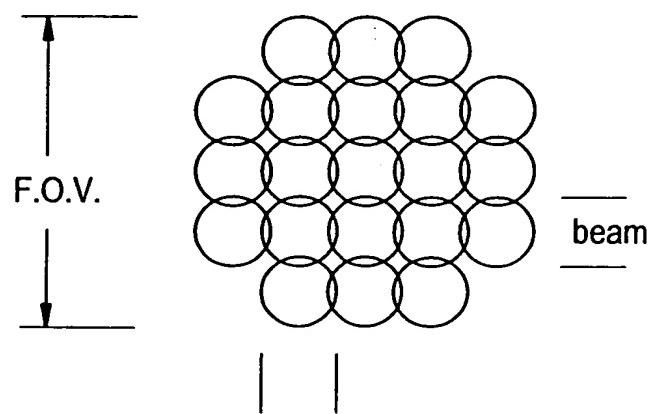


FIG. 16

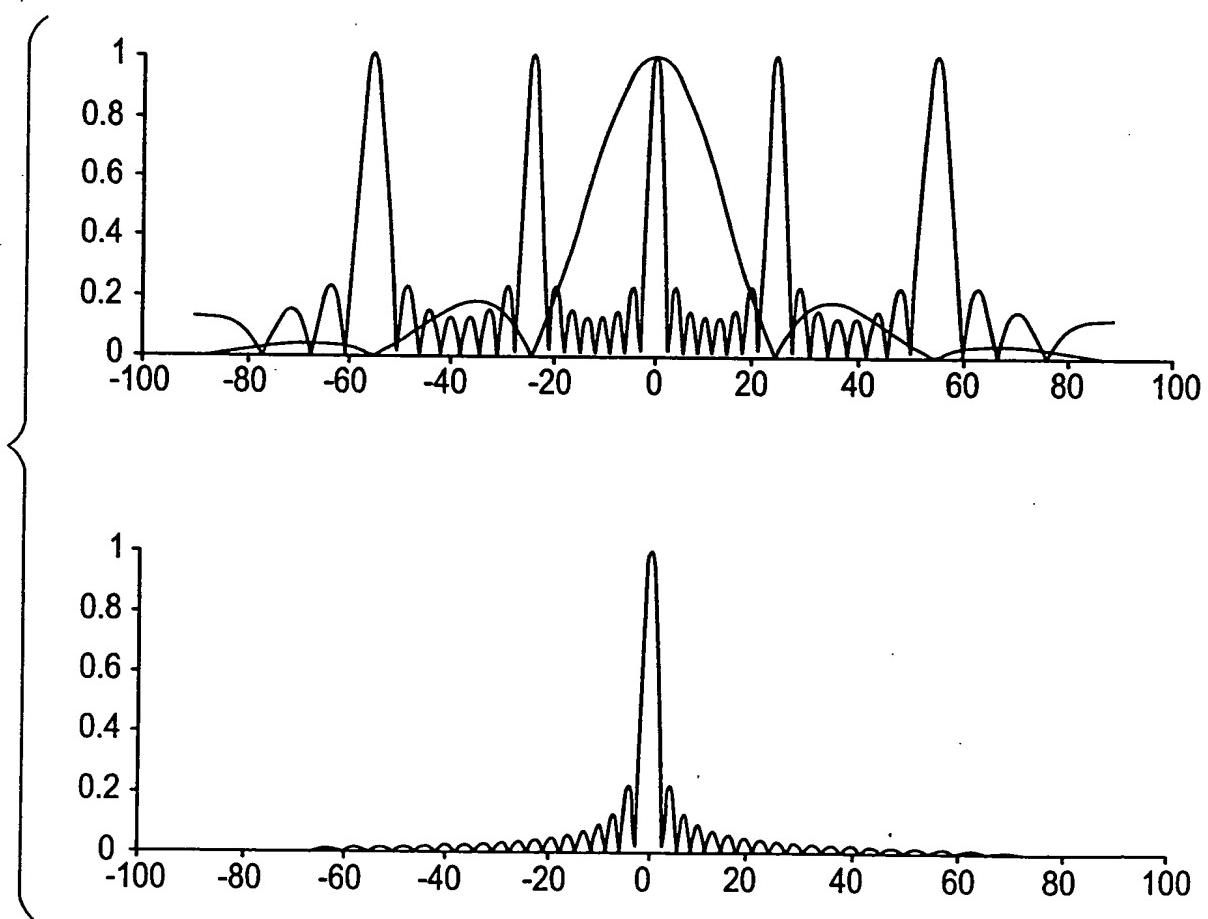


FIG. 17

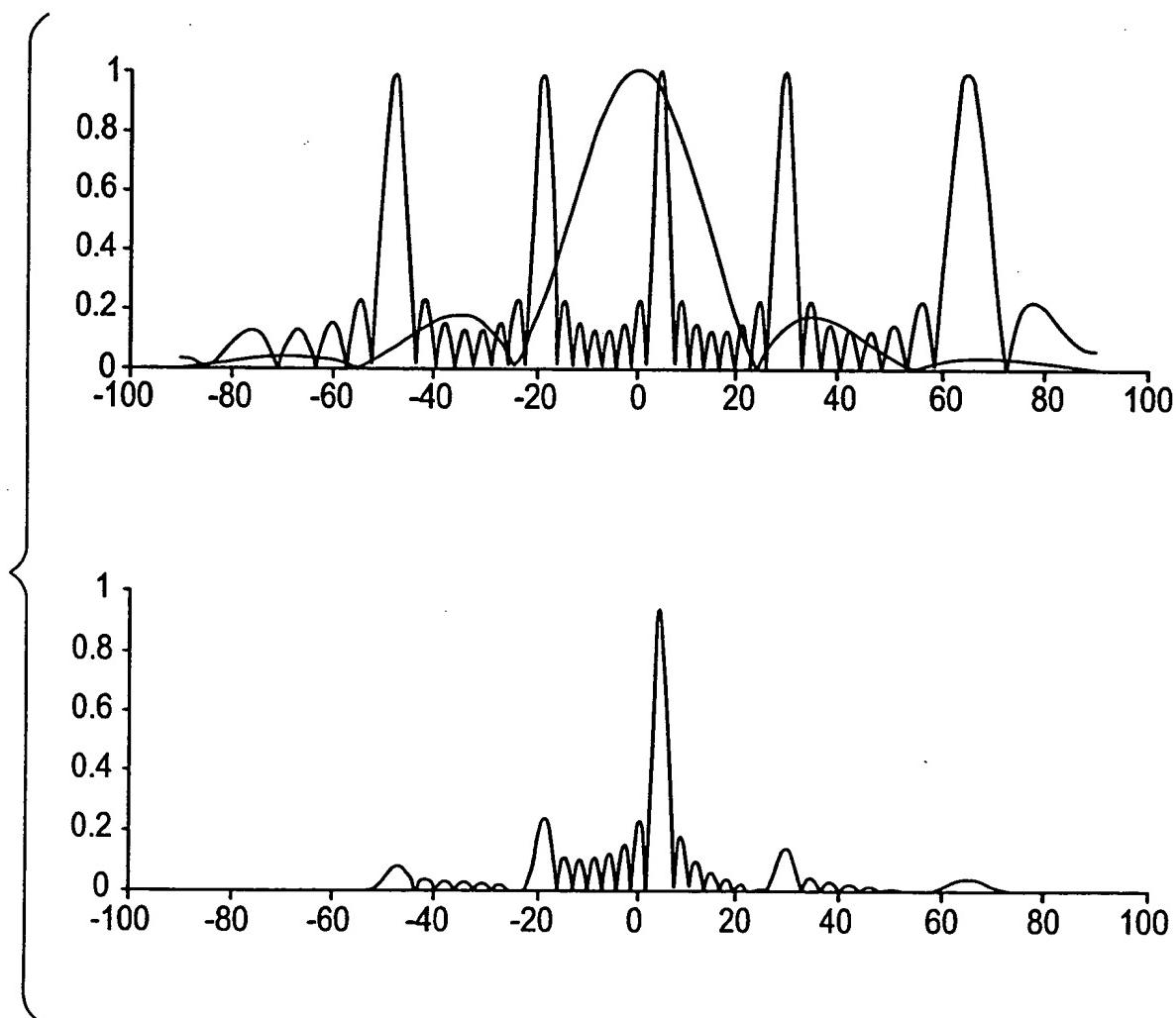
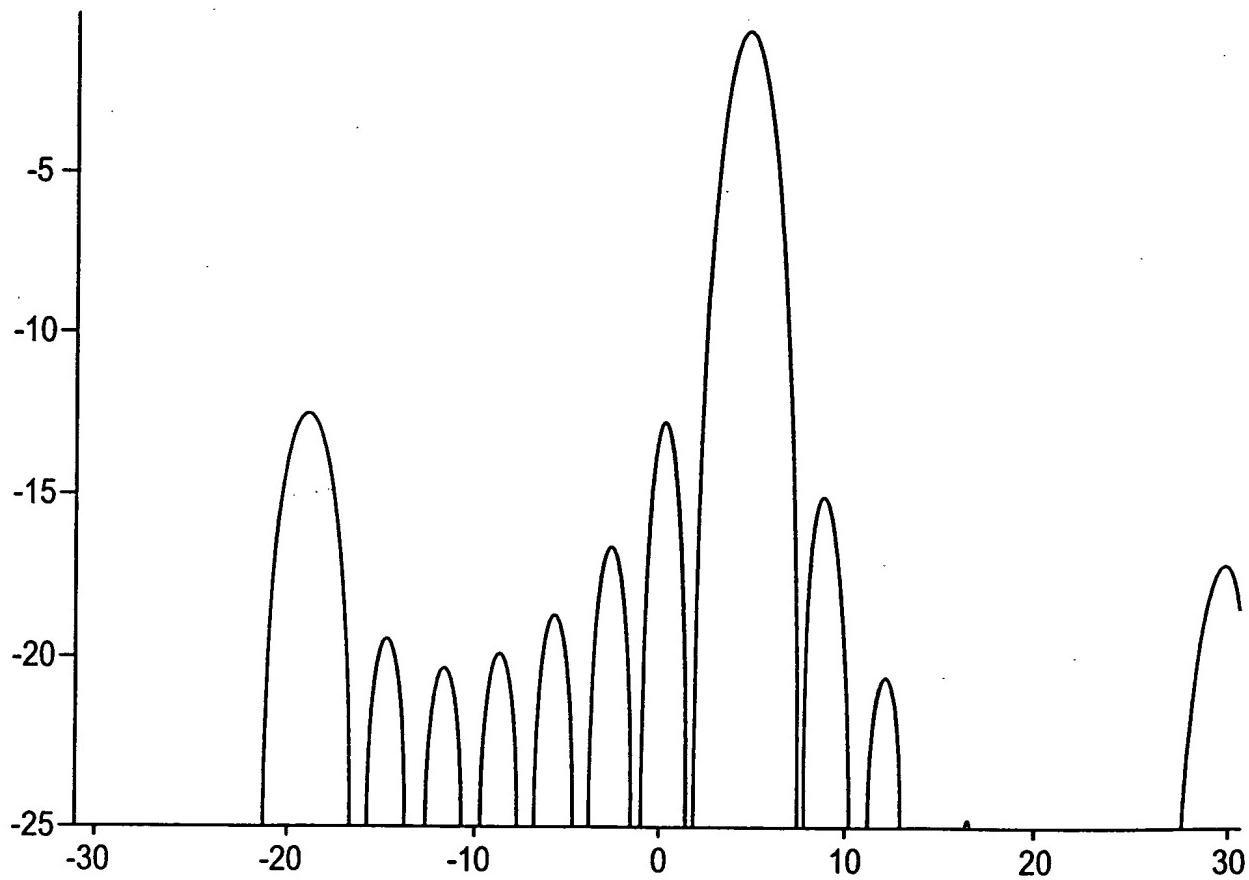
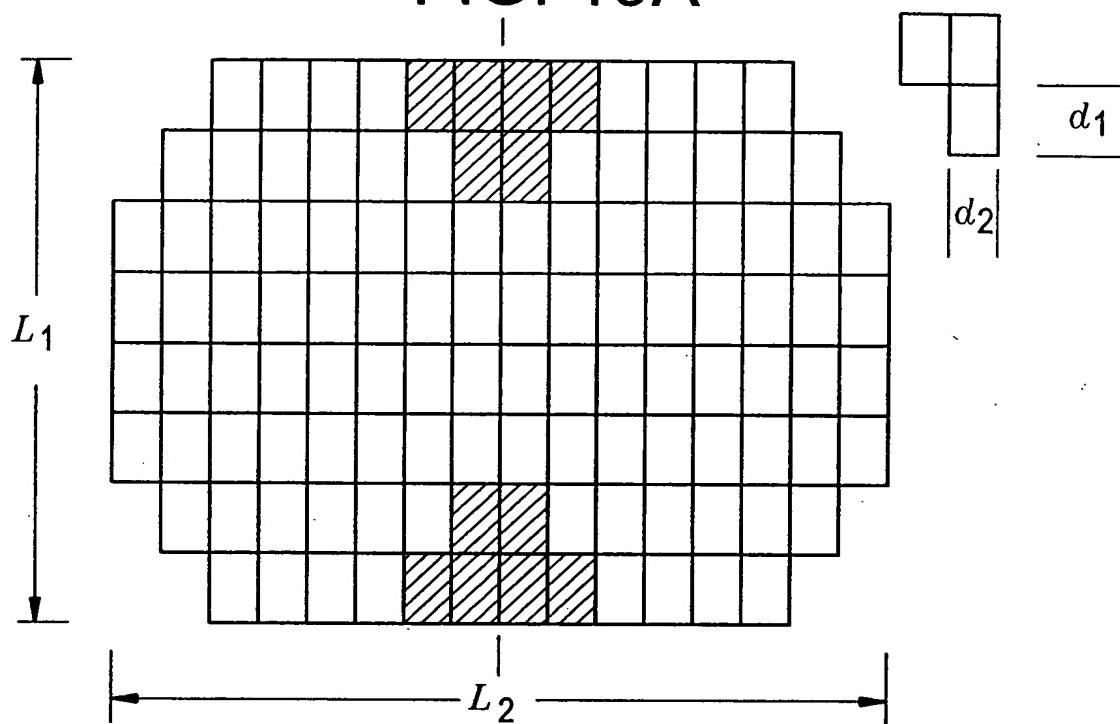


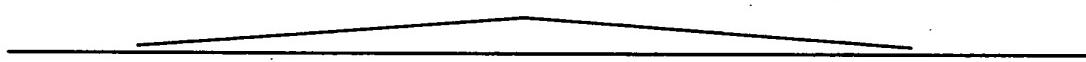
FIG. 18



**FIG. 19A**



**FIG. 19B**



**FIG. 20**

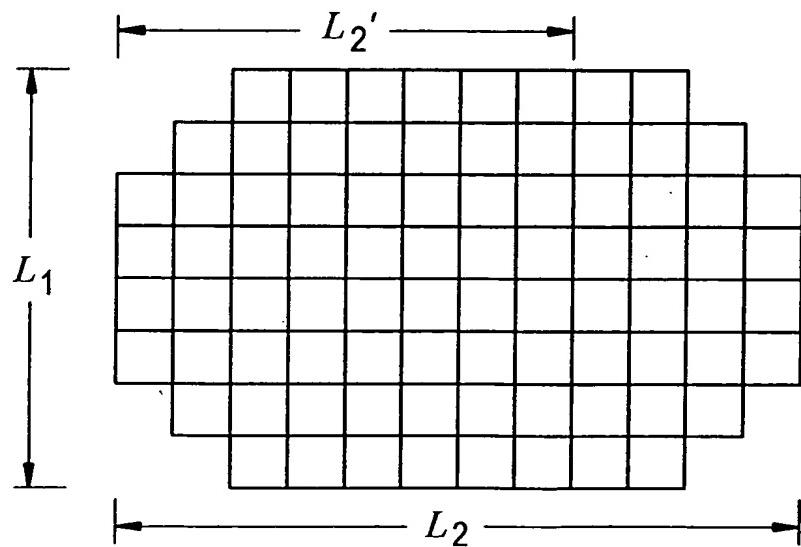


FIG. 21

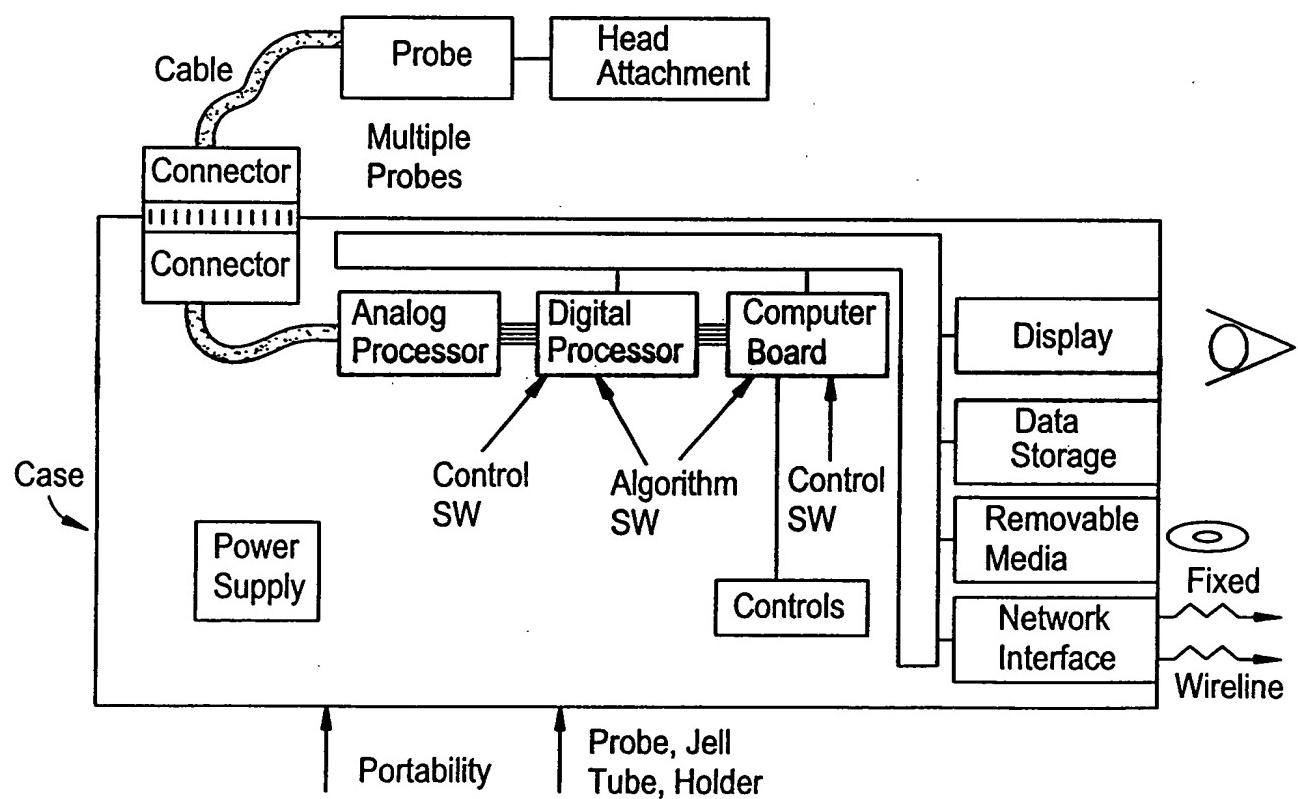


FIG. 22

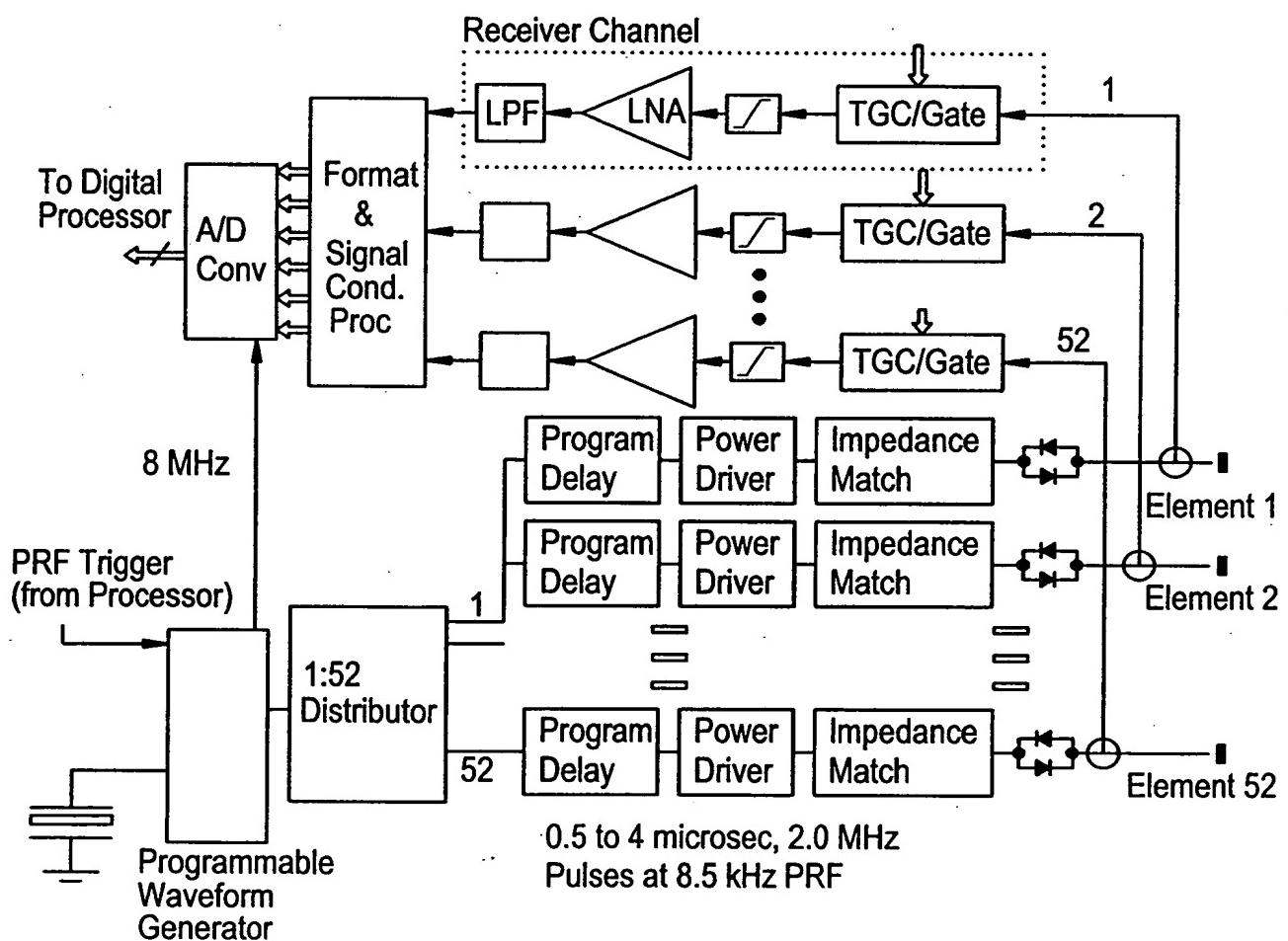


FIG. 23

